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(54) A Color Picture Tube

ABSTRACT

A color picture tube is disclosed, which includes a plurality of masks arranged in a second direction that is perpendicular to a plurality of long slits of a first direction, a phosphor screen at a predetermined distance from the mask, three electron guns emitting electron beams for scanning the phosphor screen, two electron guns of them being arranged in the second direction and one electron gun being arranged in a middle point of a perpendicular line linked to the two electron guns, the three electron guns having an isosceles triangle arrangement or a straight arrangement in which an interval from the electron gun on the perpendicular line to the middle point is half or less of an interval between two electron guns of the second direction, a neck of a small diameter having the three electron guns therein, a funnel panel having a deflection yoke of a pyramid type or conical type of an elliptical section to deflect electron beams from the three electron guns, a portion of the panel having the phosphor screen connected with the panel having large diameter, and a tube having the mask.